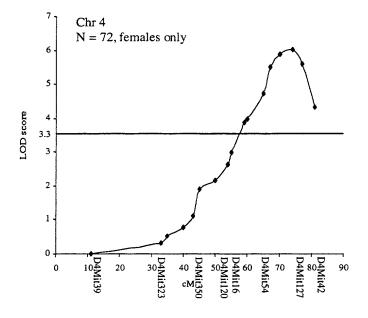


Figure 1



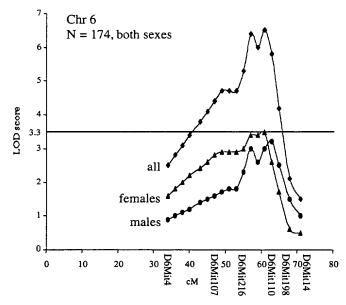


Figure 2

B-Isoform 1 M-Isoform 1 Isoform 7 Isoform 8 Isoform 9	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ATGACTTTTG ATGACTTTTG ATGACTTTTG	ATGACAAGAT ATGACAAGAT ATGACAAGAT	GAAGCCTGCG	AATGACGAGC AATGACGAGC AATGACGAGC	CTGATCAGAA CTGATCAGAA CTGATCAGAA
B-Isoform 1 M-Isoform 1 Isoform 7 Isoform 8 Isoform 9	51 51 51 51	GTCATGTGGC GTCATGTGGC GTCATGTGGC	AAGAAGCCTA AAGAAGCCTA AAGAAGCCTA	AAGGTCTGCA AAGGTCTGCA AAG AAG	TTTGCTTTCT	TCCCCATGGT
B-Isoform 1 M-Isoform 1 Isoform 7 Isoform 8 Isoform 9			TGCTATGACT	CTGGTCATCC CTGGTCATCC	TCTGCCTGGT	
	151 151 73 73 73	ACCCTTATTG	TACAGTGGAC	ACAATTACGC ACAATTACGC	CAGGTATCTG	ACCTCTTAAA
B-Isoform 1 M-Isoform 1 Isoform 7 Isoform 8 Isoform 9		ACAATACCAA	GCGAACCTTA	CTCAGCAGGA CTCAGCAGGA	TCGTATCCTG	GAAGGGCAGA
B-Isoform 1 M-Isoform 1 Isoform 7 Isoform 8 Isoform 9		TGTTAGCCCA	GCAGAAGGCA	GAAAACACTT GAAAACACTT	CACAGGAATC	AAAGAAGGAA
B-Isoform 1 M-Isoform 1 Isoform 7 Isoform 8 Isoform 9			AGATAGACAC	CCTCACCCAG CCTCACCCAG	AAGCTGAACG	AGAAATCCAA

B-Isoform 1 351 M-Isoform 1 351 Isoform 7 73 Isoform 8 73 Isoform 9 73	AGAGCAGGAG GAGCTTCTAC AGAGCAGGAG GAGCTTCTAC	AGAAGAATCA	GAACCTCCAA	GAAGCCCTGC
B-Isoform 1 401 M-Isoform 1 401 Isoform 7 73 Isoform 8 73 Isoform 9 73	AAAGAGCTGC AAACTCTTCA AAAGAGCTGC AAACTCTTCA	GAGGAGTCCC -AGGAGTCCC	AGAGAGAACT AGAGAGAACT	CAAGGGAAAG CAAGGGAAAG
B-Isoform 1 451 M-Isoform 1 451 Isoform 7 102 Isoform 8 73 Isoform 9 73	ATAGACACCA TCACCCGGAA ATAGACACCA TCACCCGGAA ATAGACACCA TCACCCGGAA	GCTGGACGAG GCTGGACGAG	AAATCCAAAG AAATCCAAAG	AGCAGGAGGA AGCAGGAGGA
B-Isoform 1 501 M-Isoform 1 501 Isoform 7 152 Isoform 8 73 Isoform 9 73	GCTTCTGCAG ATGATTCAGA GCTTCTGCAG ATGATTCAGA GCTTCTGCAG ATGATTCAGA	ACCTCCAAGA ACCTCCAAGA	AGCCCTGCAG AGCCCTGCAG	AGAGCTGCAA AGAGCTGCAA
B-Isoform 1 551 M-Isoform 1 551 Isoform 7 202 Isoform 8 73 Isoform 9 73	ACTCTTCAGA GGAGTCCCAG ACTCTTCAGA GGAGTCCCAG ACTCTTCAGA GGAGTCCCAGA GGAGTCCCAG	AGAGAACTCA AGAGAACTCA AGAGAACTCA	AGGGAAAGAT AGGGAAAGAT	AGACACCCTC AGACACCCTC AGACACCCTC
B-Isoform 1 601 M-Isoform 1 601 Isoform 7 252 Isoform 8 114 Isoform 9 73	ACCTTGAAGC TGAACGAGAA ACCTTGAAGC TGAACGAGAA ACCTTGAAGC TGAACGAGAA ACCTTGAAGC TGAACGAGAA	ATCCAAAGAG ATCCAAAGAG	CAGGAGGAGC CAGGAGGAGC	TTCTACAGAA TTCTACAGAA
B-Isoform 1 651 M-Isoform 1 651 Isoform 7 302 Isoform 8 164 Isoform 9 73	GAATCAGAAC CTCCAAGAAG GAATCAGAAC CTCCAAGAAG GAATCAGAAC CTCCAAGAAG GAATCAGAAC CTCCAAGAAG	CCCTGCAAAG CCCTGCAAAG	AGCTGCAAAC AGCTGCAAAC AGCTGCAAAC	TTTTCAGGTC TTTTCAGGTC

B-Isoform 1 701 M-Isoform 1 701 Isoform 7 352 Isoform 8 214 Isoform 9 75	CTTGTCCACA CTTGTCCACA CTTGTCCACA	AGACTGGCTC AGACTGGCTC AGACTGGCTT	TGGCATAAAG TGGCATAAAG TGGCATAAAG	AAAACTGTTA AAAACTGTTA AAAACTGTTA AAAACTGTTA AAAACTGTTA	CCTCTTCCAT CCTCTTCCAT CCTCTTCCAT
B-Isoform 1 751 M-Isoform 1 751 Isoform 7 402 Isoform 8 264 Isoform 9 125	GGGCCCTTTA GGGCCCTTTA	GCTGGGAAAA GCTGGGAAAA GCTGGGAAAA	AAACCGGCAG AAACCGGCAG AAACCGGCAG	ACCTGCCAAT ACCTGCCAAT ACCTGCCAAT ACCTGCCAAT ACCTGCCAAT	CTTTGGGTGG CTTTGGGTGG CTTTGGGTGG
B-Isoform 1 801 M-Isoform 1 801 Isoform 7 452 Isoform 8 314 Isoform 9 175	CCAGTTACTA CCAGTTACTA CCAGTTACTA	CAAATTAATG CAAATTAATG CAAATTAATG	GTGCAGATGA GTGCAGATGA GTGCAGATGA	TCTGACATTC TCTGACATTC TCTGACATTC TCTGACATTC TCTGACATTC	ATCTTACAAG ATCTTACAAG ATCTTACAAG
B-Isoform 1 851 M-Isoform 1 851 Isoform 7 502 Isoform 8 364 Isoform 9 225	CAATTTCCCA CAATTTCCCA CAATTTCCCA	TACCACCTCC TACCACCTCC TACCACCTCC	CCATTCTGGA CCATTCTGGA CCATTCTGGA	TTGGATTGCA TTGGATTGCA TTGGATTGCA TTGGATTGCA TTGGATTGCA	TCGGAAGAAG TCGGAAGAAG TCGGAAGAAG
B-Isoform 1 901 M-Isoform 1 901 Isoform 5 552 Isoform 6 414 Isoform 9 275	CCTGGCCAAC CCTGGCCAAC CCTGGCCAAC	CATGGCTATG CATGGCTATG CATGGCTATG	GGAGAATGGA GGAGAATGGA	ACTCCTTTGA ACTCCTTTGA ACTCCTTTGA ACTCCTTTGA ACTCCTTTGA	ATTTTCAATT ATTTTCAATT ATTTTCAATT
B-Isoform 1 951 M-Isoform 1 951 Isoform 7 602 Isoform 8 464 Isoform 9 325	CTTTAAGACC CTTTAAGACC CTTTAAGACC	AGGGGCGTTT AGGGGCGTTT	CITTACAGCT CITTACAGCT CTTTACAGCT	ATATTCATCA ATATTCATCA ATATTCATCA ATATTCATCA ATATTCATCA	GGCAACTGTG AGCAACTGTG GGCAACTGTG
B-Isoform1 1001 M-Isoform1 1001 Isoform 7 652 Isoform 8 514 Isoform 9 375	CATACCTTCA CATACCTTCA CATACCTTCA	AGACGGAGCT AGACGGAGCT AGACGGAGCT	GTGTTCGCTG GTGTTCGCTG GTGTTCGCTG	AAAACTGCAT AAAACTGCAT	TCTAATTGCA TCTAATTGCA TCTAATTGCA TCTAATTGCA TCTAATTGCA
B-Isoform: 1051 M-Isoform: 1051 Isoform: 702 Isoform: 8564 Isoform: 9425	TTCAGCATAT TTCAGCATAT TTCAGCATAT	GTCAGAAGAA GTCAGAAGAA GTCAGAAGAA	GACAAATCAT GACAAATCAT GACAAATCAT	TTGCAAATTT TTGCAAATTT TTGCAAATTT	AG AG AG AG

Iso	fori	n 1														
atg	act	ttt									gac Asp					d Y
_		_		_	_				_		ttg Leu					<i>⊶</i> _₹ -
											ctc Leu					144
											cgc Arg 60					192
ctc Leu 65	tta Leu	aaa Lys	caa Gln	tac Tyr	caa Gln 70	gcg Ala	aac Asn	ctt Leu	act Tnr	cag Gln -5	cag Gln	gat Asp	cgt Arg	atc Ile	ctg Leu 80	2=^
_		_	-		_	_		-		-	aac Asn			_	-	- 7 X
											ctc Leu					336
											cag Gln					384
											tca Ser 140					432
											cgg Arg					480
											att Ile					528
											gag Glu					576
											ctg Leu					624
											aac Asn 220					672

Figure 4A

Iso	ofor	m 1										
	caa Gln											720
	cat His		_		_						 _	Tų š
	aac Asn											816
	GTA ââr	_	_	~	~							864
	tcc Ser 290					 _		 _	_			912
	cta Leu											960
	GT¾ âãc	_			_					 _		1008
	gac Asp											1056
	tgt Cys	_	_	_			_		tag			1092

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_	act	ttt	-	_	-	_	-				_			gat Asp 15		, 8
														tcc Ser		<u> વર્</u>
														gtg Val		144
Ser			ctt Leu							tgat	iogta	atc (ctgga	aaggo	ic	194
agat	gtta	igc (ccago	cagaa	ag go	cagaa	aaca	a ctt	caca	agga	atca	aaga	aag q	gaact	gaaag	254
gaaa	gata	iga (cacco	ctcad	cc ca	agaaq	gctga	a acq	gagaa	atc	caaa	agago	cag (gagga	agette	314
taca	gaaç	jaa 1	tcaga	aacct	ic ca	aagaa	agaca	c tgo	caaaq	gagc	tgca	aaact	ct i	tcaga	ıggagt	374
ccca	gaga	ıga a	actca	aagg	ga aa	agata	agaca	a cca	atcad	cccà	gaaq	gctg	gac (gagaa	atcca	434
aaga	gcaç	ıga «	ggago	ettet	ig ca	agato	gatto	aga	aacct	cca	agaa	agcco	ctg d	cagaç	gagctg	494
caaa	ctst	itc a	agago	gagto	cc ca	agaga	agaac	c to	aagg	gaaa	gata	agaca	acc (ctcad	ccttga	554
agct	gaac	ga (gaaat	ccaa	aa ga	agcaç	gago	g ago	cttct	aca	gaaq	gaato	cag a	aacct	ccaag	61-
aagc	catg	jca a	aagaq	gctgo	ca aa	acttt	tcaç	g gto	catto	gtcc	acaa	agact	gg (ctctç	ggcata	674
aaga	aaac	stg :	ttaco	ctctt	ic c	gtgg	gadat	t t t a	actg	ggaa	aaaa	agcc	gge a	agaco	etgeca	, 4
atct	ttac	rat d	aacao	attad	et ac	caaat	taat	a a a	rcada	ata						3

Isoform 3						
		atg aag cct Met Lys Pro		p Glu Pro A		
		cct aaa ggt Pro Lys Gly 25				
		atg act ctg Met Thr Leu 40				
		cag tgg aca Gln Trp Thr 55				
		gcg aac ctt Ala Asn Leu				
		cag cag aag Gln Gln Lys		n Tnr Ser P		
		gga aag ata Gly Lys Ile 105				
		cag gag gag Gln Glu Glu 120				
ctc caa gaa Leu Gln Glu 130	gcc ctg caa Ala Leu Gln	aga gct gca Arg Ala Ala 135	aac tot too Asn Ser Ser 140	r Glu Glu S	cc cag 432 Ser Gln	
		ata gac acc Ile Asp Thr				
aaa too aaa Lys Ser Lys					495	1

Isoform 4						
		g atg aag cc s Met Lys Pr				73 75
		g cct aaa gg s Pro Lys Gl 25	-	-		96
		t atg act cto a Met Thr Le ^o 40				144
		a cag tgg ac 1 Gln Trp Th 55	r Gln Leu A			192
		a gcg aac ct n Ala Asn Le				240
		c cag cag aa a Gln Gln Ly				288
		a gga aag at s Gly Lys Il 10	e Āsp Thr I			336
	Ser Lys Gl	g cag gag ga ı Gln Glu Gl 120				384
	-	a aga gct gc n Arg Ala Al 135	a Asn Phe S		-	432
caa gac tgg Gln Asp Trp 145	g ctc tgg ca Leu Trp Hi 15	t aaa gaa aa s Lys Glu As O	c tgt tac o n Cys Tyr I 155	ctc ttc cat Leu Phe His	ggg ccc Gly Pro 160	480
		c cgg cag ac n Arg Gln Tn				528
		t gca gat ga y Ala Asp As 18	p Leu Thr B		_	576
	Thr Thr Se	c ccg ttc tg r Pro Phe Tr 200				621

Figure 7

TOOT	OTH	L														
atg a Met T 1			-	_	_	-	_				-			-		49
aag t Lys S																96
tgg t Trp T	'rp															144
tca g Ser V 5	_				_	_				tgat	cgt a	itc o	etgga	aaggo	ic	194
agatg	gtta	gc c	cago	agaa	ıg go	agaa	aaca	ctt	caca	ıgga	atca	aaga	aag (gaact	gaaag	254
gaaag	jata	ga c	acco	tcac	c ca	gaag	gctga	acq	gacto	caa	agaç	gcago	gag (gagct	caccc	314
ccccc	cga	ac c	tcca	agaa	ig co	ctgo	caaag	gago	ctgca	aac	tctt	cago	gtc	cttgt	ccaca	37-
agact	ggc	tc t	ggca	taaa	ıg aa	aact	gtta	a cct	ctto	cat	gggc	catt	ta «	gctgc	ggaaaa	434
aaacc	egge	ag a	cctg	rccaa	ıt ct	ttgg	gtgg	g gca	igtta	icta	caaa	ttaa	atg (gtgca	agatga	494
tctga	cat	tc a	itctt	acaa	ig ca	attt	ccca	a tac	caco	ctcc	cctt	ctto	gga ·	ttgga	attgca	554
togga	aga	ag c	ctgg	caac	c at	gggt	atgo	g gaç	gaato	ggac	ttct	ttga	aat '	tttaa	attītt	614
aagac	agg	gc g	ıttt	taca	ıg tt	tttc	cataa	a gga	actto	gtga	tact	taga	agg (gctgc	ggttcg	674
-tgaa	ata	at t	ctar	taat	t ac	rcato	rtaga	. aaa	aaat	÷						-

150	Iori	n o															
			gat Asp													4	3 :
			ggc Gly 20													C	3 r
			cct Pro													1.	: "2
			ctt Leu							tago	gagt	ccc a	agag.	agaad	et .	<u>.</u>	٠ <u>٠</u>
caaç	gggaa	ag a	ataga	acaco	cc to	cacct	tgaa	a gct	gaad	cgag	aaat	ccaa	aag	agcaç	ggagga	2.3	<u>;</u>
gctt	ctac	cag a	aagaa	atcaç	ga ad	cctco	caaga	a ago	cact	gcaa	agag	gctg	caa	acttt	tcagg	3 :	- 7
taat	itgto	cca :	caaga	actg	gc to	ctgg	cataa	a aga	aaaa	etgt	tac	ctct1	tcc .	atgg	gecett	ą -	٦ -
tago	ctggg	gaa a	aaaaa	accg	gc aq	gacct	gcca	a ato	ettte	gggt	ggc	cagti	tac	tacaa	aattaa	4.3	34
tggt	gcaq	gat (gatct	gaca	at to	catct	taca	a ago	caatt	itcc	cata	acca	cct ·	cccc	gttctg	49	94
gati	ggat	itg (catco	ggaaq	ga aç	gaat	ggcca	a aco	catgo	gcta	tgg	gagaa	atg	gaact	ccttt	5.5	54
gaat	ette	caa ·	ttctt	taaq	ga co	cagg	ggcgt	tto	cttta	acag	ctat	tatto	cat	caggo	caactg	61	4
tgca	ataco	ctt (caaga	acgga	ac to	gtgtt	cgat	gaa	aaact	tgca	ttct	taati	tgc .	attca	agcata	6	74
tata	caaaa	aga a	agaca	aato	ca ti	tgca	aaatt	t tac	gtgaa	atct	aaa	gaat				72	2 1

	forr																
atg Met 1	act Tar	ttt Pne	gat Asp	gac Asp 5	aag Lys	atg Met	aag Lys	oct Pro	gcg Ala 10	aat Asn	gac Asp	gag Glu	cct Pro	gat Asp 15	cag Gln		; ~
aag Lys	tca Ser	tgt Cys	ggc Gly 20	aag Lys	aag Lys	cct Pro	aaa Lys	gag Glu 25	gag Glu	tcc Ser	cag Gln	aga Arg	gaa Glu 30	ctc Leu	aag Lys		96
gga Gly	aag Lys	ata Ile 35	gac Asp	acc Thr	atc Ile	acc Thr	cgg Arg 40	aag Lys	ctg Lea	gac Asp	gag Glu	aaa Lys 45	tcc Ser	aaa Lys	gag Glu		774
cag Gln	gag Glu 50	gag Glu	ctt Leu	ctg Leu	cag Gln	atg Met 55	att Ile	cag Gln	aac Asn	ctc Leu	caa Gln 60	gaa Glu	gcc Ala	ctg Leu	cag Gln		192
aga Arg 65	gct Ala	gca Ala	aac Asn	tct Ser	tca Ser 70	gag Glu	gag Glu	tcc Ser	cag Gln	aga Arg 75	gaa Glu	ctc Leu	aag Lys	gga Gly	aag Lys 80		240
ata Ile	gac Asp	acc Tnr	ctc Leu	acc Thr 85	ttg Leu	aag Lys	ctg Leu	aac Asn	gag Glu 90	aaa Lys	tcc Ser	aaa Lys	gag Glu	cag Gln 95	gag Glu		288
gag Glu	ctt Leu	cta Leu	cag Gln 100	aag Lys	aat Asn	cag Gln	aac Asn	ctc Leu 105	caa Gln	gaa Glu	gcc Ala	ctg Leu	caa Gln 110	aga Arg	gct Ala		336
gca Ala	aac Asn	ttt Phe 115	tca Ser	ggt Gly	cct Pro	tgt Cys	cca Pro 120	caa Gln	gac Asp	tgg Trp	ctc Leu	tgg Trp 125	cat His	aaa Lys	gaa Glu		384
aac Asn	tgt Cys 130	tac Tyr	ctc Leu	ttc Phe	cat His	ggg Gly 135	ccc Pro	ttt Phe	ggc Gly	tgg Trp	gaa Glu 140	aaa Lys	aac Asn	cgg Arg	cag Gln		432
acc Thr 145	tgc Cys	caa Gln	tct Ser	ttg Leu	ggt Gly 150	ggc Gly	cag Gln	tta Leu	cta Leu	caa Gln 155	att Ile	aat Asn	ggt Gly	gca Ala	gat Asp 160		480
gat Asp	ctg Lea	aca Tnr	ttc Phe	atc Ile 165	tta Leu	caa Gln	gca Ala	att Ile	tcc Ser 170	cat His	acc Thr	acc Thr	tcc Ser	cca Pro 175	ttc Phe		528
tgg Trp	att Ile	gga Gly	ttg Leu 180	cat His	cgg Arg	aag Lys	aag Lys	cct Pro 185	G]A Ggc	caa Gln	cca Pro	tgg Trp	cta Leu 190	tgg Trp	gag Glu		576
aat Asn	gga Gly	act Thr 195	cct Pro	ttg Leu	aat Asn	ttt Phe	caa Gln 200	ttc Phe	ttt Phe	aag Lys	acc Thr	agg Arg 205	ggc	gtt Val	tct Ser		624
tta Leu	cag Gln 210	cta Leu	tat Tyr	tca Ser	tca Ser	agc Ser 215	aac Asn	tgt Cys	gca Ala	tac Tyr	ctt Leu 220	caa Gln	gac Asp	gga Gly	gct Ala		672
gtg Val 225	ttc Phe	gct Ala	gaa Glu	aac Asn	tgc Cys 230	att Ile	cta Leu	att Ile	gca Ala	ttc Pne 235	Ser	ata Ile	tgt Cys	cag Gln	aag Lys 240		720
					caa Gln											.	744

Figure 10

Teo	fori	n R							-							
atg	act Thr		gat Asp	gac Asp 5	aag Lys	atg Met	aag Lys	cct Pro	gcg Ala 10	aat Asn	gac Asp	gag Glu	cct Pro	gat Asp 15	cag Gln	φ. 30
aag Lys	tca Ser	tgt Cys	ggc Gly 20	aag Lys	aag Lys	cct Pro	aaa Lys	gag Glu 25	gag Glu	tcc Ser	cag Gln	aga Arg	gaa Glu 30	ctc Leu	aag Lys	≎હ
	aag Lys															_ ~ ~
	gag Glu 50															192
aga Arg 65	gct Ala	gca Ala	aac Asn	ttt Phe	tca Ser 70	ggt Gly	cct Pro	tgt Cys	cca Pro	caa Gln 75	gac Asp	tgg	ctt Leu	tgg Trp	cat His 80	240
aaa Lys	gaa Glu	aac Asn	tgt Cys	tac Tyr 85	ctc Leu	ttc Phe	cat His	ggg Gly	ccc Pro 90	ttt Phe	agc Ser	tgg Trp	gaa Glu	aaa Lys 95	aac Asn	182
egg Arg	cag Gln	acc Tnr	tgc Cys 100	caa Gln	tct Ser	ttg Leu	ggt Gly	ggc Gly 105	cag Gln	tta Leu	cta Leu	caa Gln	att Ile 110	aat Asn	ggt Gly	336
gca Ala	gat Asp	gat Asp 115	ctg Leu	aca Thr	ttc Phe	atc Ile	tta Leu 120	caa Gln	gca Ala	att Ile	tcc Ser	cat His 125	acc Thr	acc Thr	tcc Ser	384
cca Pro	ttc Phe 130	tgg Trp	att Ile	gga Gly	ttg Leu	cat His 135	cgg Arg	aag Lys	aag Lys	cct Pro	ggc Gly 140	caa Gln	cca Pro	tgg Trp	cta Leu	432
tgg Trp 145	gag Glu	aat Asn	gga Gly	act Thr	cct Pro 150	ttg Leu	aat Asn	ttt Phe	caa Gln	tts Phe 155	ttt Phe	aag Lys	acc Thr	agg Arg	ggc Gly 160	480
gtt Val	tat Ser	tta Leu	cag Gln	cta Leu 165	tat Tyr	tca Ser	tca Ser	ggc Gly	aac Asn 170	tgt Cys	gca Ala	tac Tyr	ctt Leu	caa Gln 175	gac Asp	528
gga Gly	gct Ala	gtg Val	ttc Phe 180	gct Ala	gaa Glu	aac Asn	tgc Cys	att Ile 185	cta Leu	att Ile	gca Ala	ttc Phe	agc Ser 190	ata Ile	tgt Cys	576
	aag Lys	_	Thr			_			tag							606

Figure 11

									- - - - - - - - - -	- '						
Isoform 9																
	act Thr		_		_	_	_						_	_		48
_	tca Ser	_		_	_					_		_				96
	cat His															144
	aac Asn 50		_		_			_			_					192
	GJ À aar														~	. 12
	tcc Ser														2	288
	cta Leu							_							3	336
	Gly														3	384
	gac Asp 130														4	32
	tgt Cys	_	_	-							tag				۷	68

A. Isoform 1 Isoform 1 Isoform 3 Isoform 3 Isoform 4 Isoform 7 Isoform 7	(R1) (R2) (R3) (R1) (R3) (R1) (R2) (R3) (R3)	ESKKELKGKIDTLTQKLNEKSKEQEELLQKNQNLQEALQRAANSSE ESQRELKGKIDTITRKLDEKSKEQEELLQMIQNLQEALQRAANSSE ESQRELKGKIDTLTLKLNEKSKEQEELLQKNQNLQEALQRAANFSG QSKKELKGKIDTLTQKLNEKSKEQEELLQKNQNLQEALQRAANSSE ESQRELKGKIDTLTLKLNEKSKEQ ESKKELKGKIDTLTQKLNEKSKEQEELLQKNQNLQEALQRAANFSG ESQRELKGKIDTITRKLDEKSKEQEELLQMIQNLQEALQRAANSSE ESQRELKGKIDTLTLKLNEKSKEQEELLQKNQNLQEALQRAANFSG ESQRELKGKIDTLTLKLNEKSKEQEELLQKNQNLQEALQRAANFSG
B. Isoform 1 Isoform 3 Isoform 4	(R1) (R1) (R1)	ESKKELKGKIDTLTQKLNEKSKEQEELLQKNQNLQEALQRAANSSE QSKKELKGKIDTLTQKLNEKSKEQEELLQKNQNLQEALQRAANSSE ESKKELKGKIDTLTQKLNEKSKEQEELLQKNQNLQEALQRAANFSG
C. Isoform 1 Isoform 7	(R2) (R2)	ESQRELKGKIDTITRKLDEKSKEQEELLQMIQNLQEALQRAANSSE ESQRELKGKIDTITRKLDEKSKEQEELLQMIQNLQEALQRAANSSE
D. Isoform 1 Isoform 3 Isoform 7 Isoform 8	(R3) (R3) (R3) (R3)	ESQRELKGKIDTLTLKLNEKSKEQEELLQKNQNLQEALQRAANFSG ESQRELKGKIDTLTLKLNEKSKEQ ESQRELKGKIDTLTLKLNEKSKEQEELLQKNQNLQEALQRAANFSG ESQRELKGKIDTLTLKLNEKSKEQEELLQKNQNLQEALQRAANFSG
E. Isoform 1 Isoform 1 Isoform 3 Isoform 3 Isoform 7 Isoform 7 Isoform 7 Isoform 8 human	(R1) (R2) (R3) (R1) (R3) (R1) (R2) (R3) (R3)	ESKKELKGKIDTLTQKLNEKSKEQEELLQKNQNLQEALQRAANSSE ESQRELKGKIDTITRKLDEKSKEQEELLQMIQNLQEALQRAANSSE ESQRELKGKIDTLTLKLNEKSKEQEELLQKNQNLQEALQRAANFSG QSKKELKGKIDTLTQKLNEKSKEQEELLQKNQNLQEALQRAANSSE ESQRELKGKIDTLTLKLNEKSKEQ ESKKELKGKIDTLTQKLNEKSKEQEELLQKNQNLQEALQRAANFSG ESQRELKGKIDTITRKLDEKSKEQEELLQMIQNLQEALQRAANSSE ESQRELKGKIDTLTLKLNEKSKEQEELLQKNQNLQEALQRAANFSG ESQRELKGKIDTLTLKLNEKSKEQEELLQKNQNLQEALQRAANFSG ESQRELKGKIDTLTLKLNEKSKEQEELLQKNQNLQEALQRAANFSG

Probability of forming coiled coil structure

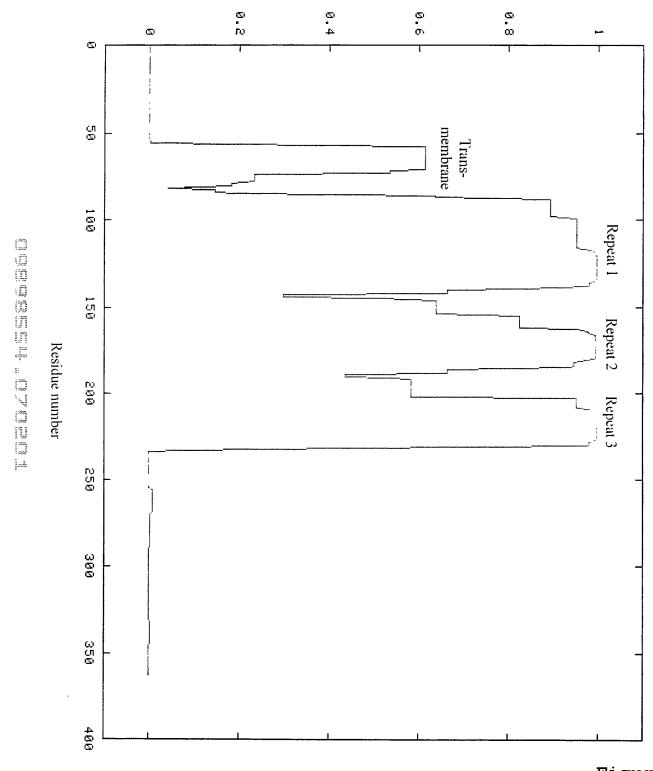


Figure 14